## BEAM SIZE & ASSEMBLY REQUIREMENTS

The determination of beam size is based on your joist span characteristics. Use TABLE 2 if your joists do not overhang or TABLE 3 if your joists overhang. See FIGURE 3 for beam span types.

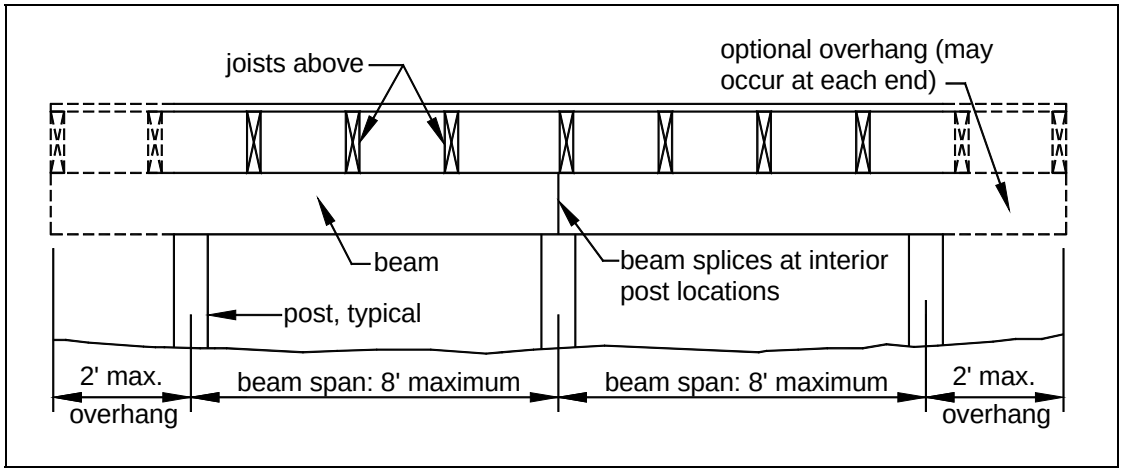


**FIGURE 3: BEAM SPAN TYPES**

Joists may bear atop the beam, as shown in FIGURE 3 above, and extend past the beam centerline up to 3'-0", as shown in FIGURE 2 and FIGURE 3, or the joists may attach to the side of the beam with joist hangers. See JOIST-TO-BEAM CONNECTION details, FIGURE 6 on Sheet 5.

**TABLE 2: MINIMUM BEAM SIZE WHEN JOISTS HAVE NO OVERHANGS**

| Joist Span | Beam Size |
|---|---|
| 0 - 6'-8" | (2) 2x6* |
| 6'-9" - 11'-2" | (2) 2x8* |
| 11'-3" – 16'-0" | (2) 2x10* |
| 16'-1" – 18'-0" | (2) 2x12 |

**TABLE 3: MINIMUM BEAM SIZE WHEN JOISTS OVERHANG**

| Joist Span | Beam Size |
|---|---|
| 0 – 6'-0" | (2) 2x8* |
| 6'-1" – 12'-8" | (2) 2x10* |
| 12'-9" – 18'-0" | (2) 2x12 |

* You may substitute a larger beam size for the one shown in the table. For instance, if the table requires (2) 2x8, you may substitute a (2) 2x10 or (2) 2x12.

The deck's beam is assembled by attaching the two members identified in the tables above in accordance with FIGURE 4.

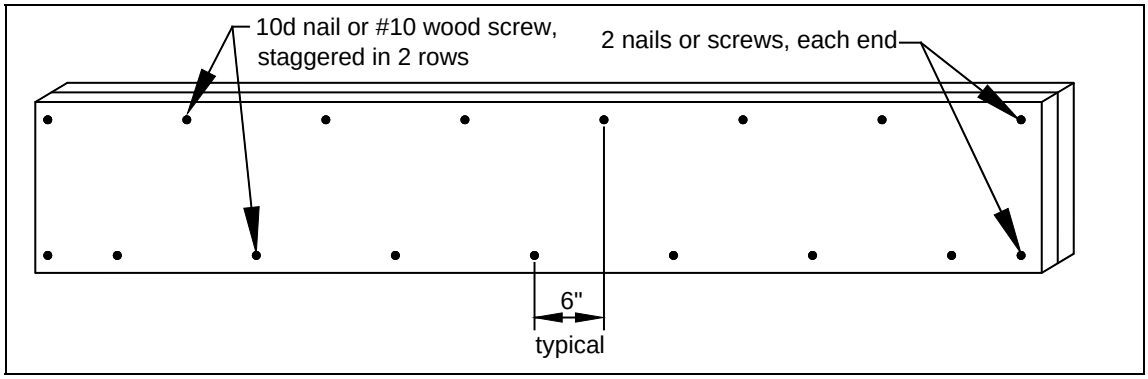


**FIGURE 4: BEAM ASSEMBLY DETAIL**